



# LS RESEARCH, LLC

Wireless Product Development

---

Re: Limited Modular Transmitter Approval

FCC ID: TMB-EM0069

IC: 6028A-EM0069

Gentlemen,

The following information is being provided per the requirements of 15.212 regarding limited modular approval of Part 15 devices. Regarding Canada regulations, please reference requirements of RSS-Gen 7.1.1 (2007).

The radio modules will be professionally installed in Trilliant's end-product(s) under their control, and will not be marketed to 3<sup>rd</sup> parties.

This transceiver is a complete RF module with an integral reference oscillator.

External connections are provided for power and data communication.

- 1) The module has integral RF shielding to isolate it from surrounding equipment and the larger environment in general.
- 2) All inputs are processed as data by the on board microcontroller. The outside user has no direct control of the transmit modulation. Module contains buffered modulation/data inputs.
- 3) There is a voltage regulator on board that powers the radio transceiver. The power amplifier supply is monitored by the microcontroller and transmission is disabled if the source voltage is greater than 3.6 volts.
- 4) The module was testing in a stand alone configuration and found to be compliant with Part 15 regulations.
- 5) An FCC ID label is affixed to each unit at the time of manufacture. Information is also clearly presented in the user guide about labeling requirements for the final assembly.
- 6) The unit is compliant with Part 15.247. Installation and other requirements are presented in the user guide to allow the unit to be correctly installed.
- 7) The unit is compliance with the RF exposure requirements of Parts 15.247 and 15.1091.

Further information may be obtained from Trilliant Inc.

Sincerely,

Teresa A. White

Quality Manager of LS Research, Agent for Trilliant, Inc.  
262.421.4991 [twhite@lsr.com](mailto:twhite@lsr.com)